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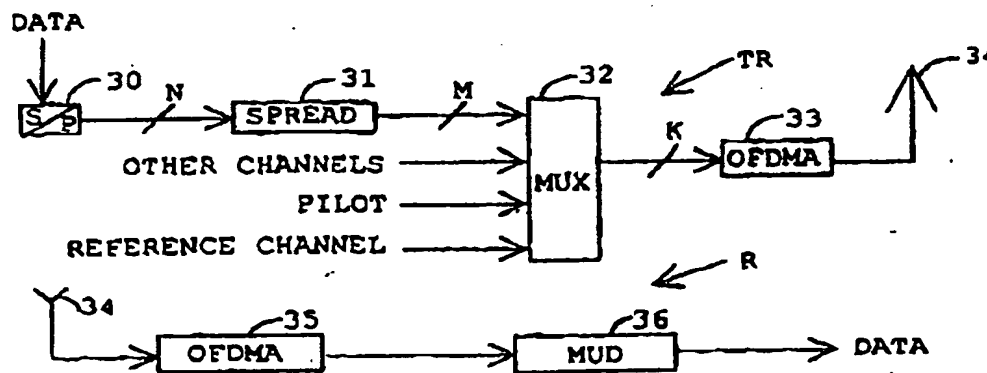
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(54) Title: TRANSMITTING AND RECEIVING METHOD AND RADIO SYSTEM



(57) Abstract

The invention relates to a transmitting and receiving method and a radio system. In a transmitter (TR) the signals (37) to be transmitted are spread coded in means (31) and modulated by subcarriers in means (33). In a receiver (R) the signals are demodulated in means (35) and submitted to multiuser detection in means (36) by using the subcarriers to limit the number of detectable signals in the means (35). The receiver (R) uses multiuser detection for reducing multiple access interference and correcting frequency-selective fading.